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		·	STEPPE IN	Application Number	09/620,544
INFO	DRMATION [DISCLO	DSURE	Filing Date	07/21/2000
STA	TEMENT BY	' APPL	ICANT.	First Named Inventor	Petro Estakhri
				Group Art Unit	2188
(use as many sheets as necessary)				Examiner Name	Bragdon, Reginold Glenwood
Sheet	1	of	6	Attorney Docket Number	38979-11C4

				U.S. PATENT DOCU	MENTS	·
		U.S. Patent	·	1	Date of Publication of	Pages, Columns, Lines,
	A1	Document 2003/0033471	A1	J.C. Patents, Inc.	02/13/2003	
	A2	6,411,546	B1	Lexar Media, Inc.	06/05/2002	
	A 3	6,397,314	B1	Lexar Media, Inc.	05/28/2002	+ RECEIVED
	A4	6,393,513	B2	Lexar Media, Inc.	05/21/2002	TIEOE! VES
	A5 \	6,374,337	B1	Lexar Media, Inc.	04/16/2002	MAR 0 1 2004
	A6	6,279,114	B1	SanDisk Corporation	08/21/2001	INAK U I ZOOT
	A7	6,279,069	B1	Intel Corporation	08/21/2001	Tochnology Contar 2100
	A8	6,272,610	B1	Hitachi, Ltd.	08/07/2001	Technology Center 2100
	A9	6,262,918	B1	Lexar Media, Inc.	07/17/2001	
	A10	6,230,234	B1	Lexar Media, Inc.	05/08/2001	
	A11	6,226,708	B1	Texas Instruments	05/01/2001	
	A12	6,223,308	BI	Incorporated		
	A13	6,202,138	B1	Lexar Media, Inc.	04/24/2001	
	A14	6,182,162	B1	Lexar Media, Inc.	03/13/2000	
	A15	6,181,118	B1	Analog Devices, Inc.	01/30/2001	
	A16	6,173,362	B1	Kabushiki Kaisha	01/30/2001	
			51	Toshiba	01/09/2001	
<u></u>	A17	6,151,247		Lexar Media, Inc.	11/21/2000	
	A18	6,145,051		Lexar Media, Inc.	11/07/2000	
	A19	6,141,249		Lexar Media, Inc.	10/31/2000	
	A20	6,134,151		Lexar Media, Inc.	10/17/2000	
	A21	6,134,145		SanDisk Corporation	10/17/2000	<u> </u>
	A22	6,128,695		Lexar, Media, Inc.	10/03/2000	
	A23	6,125,435		Lexar Media, Inc.	09/26/2000	
	A24	6,125,424		Fujitsu Limited	09/26/2000	
	A25	6,122,195		Lexar Media, Inc.	09/19/2000	
	A26	6,115,785		Lexar Media, Inc.	09/05/2000	
	A27	6,097,666		Kabushiki Kaisha Toshiba	08/01/2000	
	A28	6,081,878		Lexar Media, Inc.	06/27/200Q	
	A29	6,081,447		Western Digital Corporation; Sandisk Corporation	06/27/2000	
	A30	6,072,796		Avid Technology, Inc.	06/06/2000	
	A31	6,055,188		Kabushiki Kaisha	04/25/2000	
	A32	6,055,184	-	Toshiba Texas Instruments	04/25/2000	\
	A33	6,047,352		Incorporated MicronTechnology,Inc.	04/04/2000	
-	A34	6,040,997		Lexar Media, Inc.	03/21/2000	
	A35	6,035,357		Kabushiki Kaisha	03/07/2000	 \
	A36	6,034,897		Toshiba Lexar Media, Inc.	03/07/2000	
	A37	6,026,027	_	Norand Corporation	02/15/2000	
	A38	6,026,020		Hitachi Ltd.; Hitachi	02/15/2000	
	ı			VLSI Engineering Corp		
	A39	6,021,408		Veritas Software Corp.	02/01/2000	
	A40	6,011,323		International Business Machines Corporation	01/04/2000	1)
	A41	6,011,322		Sony Corporation; Sony Trans Com, Inc.	01/04/2000	
	A42	5,991,849		Sanyo Electric Co., Ltd.	11/23/1999	
:	A43	5,987,573		Tokyo Electron Limited	11/16/1999	

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INFORMATION DISCLOSURE Filing
STATEMENT BY APPLICANT

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Sheet

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A44 5,987,563 Fujitsu Limited

A45 5,986,933 Kabushiki Kaisha
Toshiba

A46 5,966,727 Dux Inc.

A47 5,959,926 Dallas Semiconductor
Corp.

A48 5,956,473 Macronix International
Co., Ltd.

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Application Number	09/620,544					
Filing Date	07/21/2000					
First Named Inventor	Petro Estakhri					
Group Art Unit	2188					
Examiner Name	Bragdon, Reginold Glenwood					
Attorney Docket Number	38979-11C4					

	1	2	ı		Examine	er Name	Bragdon, Reginold Glenwood
Sheet		2	of	6		Docket Number	38979-11C4
	A44	5,987,563		Fujitsu Limite		11/16/1999	
	A45	5,986,933		Kabushiki Ka Toshiba	isha	11/16/1999	DEOCNIED
	A46	5,966,727		Dux Inc.		10/12/1999	RECEIVED
	A47	5,959,926		Dallas Semic	onductor	09/28/1999	1,1,1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	A48	5,956,473	<u> </u>	Corp. Macronix Inte	rnational	09/21/1999	MAR 0 1 2004
	A49		<u> </u>	l Co., Ltd.			<u> </u>
	A50	5,953,737 5,937,425	<u> </u>	Lexar Media,		09/14/1999	Fechnology Center 2100
				M-Systems F Pioneers, Ltd	_	08/10/1999	
	A51	5,936,971		SanDisk Corp	oration	08/10/1999	
	A52	5,933,846		NEC Corpora		08/03/1999	
	A53	5,933,368	Ì	Macronix Inte Co., Ltd.	rnational	08/03/1999	
	A54	5,930,815		Lexar Media,	Inc.	07/27/1999	
	A55	5,928,370	1	Lexar Media,	Inc.	07/27/1999	
	A56	5,920,884		Hyundai Elect	ronics	07/06/1999	
	A57	5,909,586	+	America,Inc. The Foxboro	Company	06/01/1999	
	A58	5,907,856		Lexar Media,		05/25/1999	
	A59	5,901,086	+	Motorola, Inc.		05/04/1999	
	A60	5,890,192		SanDisk Corp	oration	03/30/1999	
	A61	5,862,099		Integrated Sili		01/19/1999	· · · · · · · · · · · · · · · · · · ·
	A62	5,860,124		Solution , Inc.	on	01/12/1999	
	A63	5,860,083		Kabushiki Kai		01/12/1999	
	A64	5,847,552	<u> </u>	Toshiba Dell USA, L.P			
	A65	5,845,313		Lexar Media		12/08/1998 12/01/1998	
-	A66	5,835,935		Lexar Media,		11/10/1998	
	A67	5,831,929		Micron Techno		11/03/1998	
	A68	5,822,781		Intel Corporati		10/13/1998	
	A69	5,822,252		Aplus Integrate		10/13/1998	
	A70	5,822,245		Circuits, Inc.	\		
<u> </u>	A71	5,822,245		Atmel Corpora		01/13/1998	
	A72	5,809,560	 			09,15/1998	
		· ·		Compaq Comp Corporation	Julei		
	A73	5,809,558		Intel Corporati	on	09/15/1998	
	A74 A75	5,809,515		Hitachi, Ltd.		09/15/1998	
	A76	5,802,551 5,799,168	 	Fujitsu Limited		09/01/1998	
	1	•		M-Systems Fla Pioneers, Ltd.		08/25/1998	
	A77	5,787,484		Micron Techno		07/28/1998	
	A78	5,787,445		Norris Commu Corporation	nications	07/28/1998	
-	A79	5,781,478		Kabushiki Kais	ha	07/14/1998	
	A80	5,773,901	+	Toshiba Edward A. Kan	tner	06/30/1998	\
	A81	5,768,195		Kabushiki Kais	I	06/16/1998	
	A82	5,768,190	 	Toshiba Kabushiki Kais			
				Toshiba		06/16/1998	
	A83	5,761,117		Sanyo Electric		06/02/1998	
	A84	5,758,100		Sun Microsyste		05/26/1998	
	A85	5,757,712		International Bi Machines Corp	usiness	05/26/1998	
	A86	5,754,567	†	I Micron Quantu	m	05/19/1998	
	A87	5,745,418	 	Devices, Inc. Macronix Interr	national	04/28/1998	
				Co., Ltd.	iu iiviiai		
	A88	5,734,567		Siemens Aktiengesellsch	naft	03/31/1998	
1	A89	5,723,990	T	Micron Quantui	m	03/03/1998	
		·-·	<u> </u>	Devices, Inc.			

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	-r	as many sheets			Examin	er Name	Bragdon, Reginold Glenwood
Sheet		3	of	6		Docket Number	38979-11C4
	A90	5,648,929		Mitsubishi Ele Semiconducto	or	07/15/1997	
				Software Co., Mitsubishi De	nki		
\	A91	5,611,067	 	Kabushiki Kai Kabushiki Kai		03/11/1997	-
	X 92	5,603,001	 	Toshiba Kabushiki Kai	sha	02/11/1997	RECEIVED
	A93	5,602,987	-	Toshiba SanDisk Corp	oration	02/11/1997	
	A94	5,598,370		International	Business	01/28/1997	MAR 0 1 2004
	A95	5,592,415		Machines Cor Hitachi, Ltd.	poration	01/07/1997	Technology On-the Sagar
	A96	5,681,723	-	Intel Corporat	ion	12/03/1996	Technology Center 2100
	A97	5,579,502		Kabushiki Kai Toshiba	sha	11/26/1996	
	A98	5,572,466		Kabushiki Kai Toshiba	sha	11/05/1996	
	A99	5,552,698		United Microe	lectronics	09/03/1996	
	A100	5,544,356		Corp. Intel Corporati	on	08/06/1996	
	A101	5,541,551		Advanced Mic Devices, Inc.	ro	07/30/1996	
	A102	5,530,938		Seiko Instrum	ents Inc.	06/25/1996	
	A103	5,530,828		Hitachi, Ltd.		06/25/1996	
	A104	5,530,673		Hitachi Ltd., H Keiyo Enginee Ltd, Hitachi UL Engineering C	ring Co., -SI	06/25/1996	
	A105	5,524,230		International B Machines Inco	usiness	06/04/1996	
	A106	5,523,980		Kabushiki Kais Toshiba	sba	06/04/1996	
	A107	5,519,847		Intel Ogrporation	on	05/21/1996	· · · · · · · · · · · · · · · · · · ·
	A108	5,515,333		Hitachi, Ltd.		05/07/1996	
	A109 A110	5,513,138 5,490,117		Ricoh Co., Ltd		04/30/1996	
	A111	5,479,638		Seiko Epson Corporation		02/06/1996	
	A112	5,473,765	<u> </u>	Cirrus Logic, Ir		12/26/1995 12/05/1995	
	A113	5,465,338		Conner Periph	•	11/07/1995	
	A114	5,465,235		Kabushiki Kais		11/07/1995	
	A115	5,431,330		Toshiba Emitec Gesells fuer, Emissionstech		07/11/1995	
	A116	5,430,682		mbH NEC Corporation	_	07/08//005	
	A117	5,422,856		Hitachi, Ltd.	on —	07/04X1995 06/06/1995	
	A118	5,418,752		Sundisk Corpo	ration	05/23/1995	
	A119	5,406,527		Kabushiki Kais Toshiba		04/11/1995	
	A120	5,404,485		M-Systems Fla	sh Disk	04/04/1995	
	A121	5,388,083		Pioneers Ltd. Cirrus Logic, In	c.	02/07/1995	
	A122	5,384,743		SGS-Thompso Microelectronic	n CA	01/24/1995	
	A123	5,382,839		Mitsubishi Den Kabushiki Kaisl	(i	01/17/1995	
	A124	5,381,539	-	EMC Corporation		01/10/1995	
	A125	5,371,702		Kabushiki Kaisl Toshiba	na	12/06/1994	
	A126	5,365,127		Hewlett-Packar	a	11/15/1994	
	A126B	5,359,569	-	Company Hitachi Ltd.		10/25/1994	
	A127	5,341,341		NEC Corporation	. 1	08/23/1994	
	A128 A129	5,341,339 5,341,330		Intel Corporatio Intel Corporatio		08/23/1994 08/23/1994	
	A130	5,329,491		Intel Corporatio		07/12/1994	
, <u>_</u>							

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/620,544					
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First Named Inventor	Petro Estakhri					
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Sheet		4	of	6		Docket Number	38979-11C4
	A131	5,315,558		VLSI Technol	ogy, Inc.	05/24/1994	
	A132	5,305,278		Mitsubishi De Kabushiki Kai		04/19/1994	,
	A133	5,305,276		Rohm Co, Ltd		04/19/1994	
	X 134	5,303,198		Fuji Photo Fili		04/12/1994	DEOCUED
<u> </u>	A135	5,267,218		Intel Corporat	ion	11/30/1993	RECEIVED
	A136	5,253,351		Hitachi, Ltd., Microcompute Engineering L	td.	10/12/1993	MAR 0 1 2004
	A137	5,227,714		Brooktree Cor	poration	07/13/1993	
	A138	5,220,518		VLSI Technol	ogy, Inc.	06/15/1993	Technology Center 2100
	A139	5,218,695		Epoch System	ns, Inc.	06/08/1993	39 301101 2100
	A140	5,093,785		Kabushiki Kai Toshiba		03/03/1992	
	A140A	4,970,727		Mitsubishi Dei Kabushiki Kai	sha	11/13/1990	
	A140B	4,970,642		Hudson Soft C		11/13/1990	
	A141	4,943,745		Kabushiki Kai Toshiba		07/24/1990	. 14.7
	A142	4,843,224		Oki Electric In So., Ltd		06/27/1989	
	A143	4,829,169		Toppan Moore Company, Inc		05/09/1989	
	A144	4,797,543	<u> </u>	501 Toppan M Company Ltd	loore	01/10/1989	
	A145	4,788,665		Hitachi Ltd.		11/29/1988	
	A146	4,780,855		NEC Corporat		10/25/1988	
	A147	4,609,833		Thomson Com Mostek Corpo	pokents- ration	09/02/1986	\$
1	A148	4,532,590		Data General Corporation		07/30/1985	
ı	A149	4,476,526		Storage Techr Corporation	iology	10/09/1984	
	A150	4,473,878		Motorola, Inc.		09/25/1984	
1	A151	4,468,730		Storage Techr Corporation		08/28/1984	
I .	A152	4,414,627		Nippon Electric	Co., Ltd.	11/08/1983	
1	A153	4,398,248		McDonnell Dor Corporation		08/09/1983	
	A154	4,309,627		Kabushiki Kais Seikosha		01/05/1982	
i	A155	4,130,900		Tokyo Shibaur Co., Ltd.		12/19/1978	
i	A156	4,099,069		Westinghouse Corp.	ł	07/04/1978	
	A157	35,881 Re.		Microsoft Corp	oration	08/25/1998 (Reissued)	

	`	Pocumer Pocumer	oreign Patent nt			Date of Publication of	Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Count y Code	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Τ ⁶
	B1		0 663 636	A1	Sun Microsystems, Inc.	07/19/1995		+
	B2		0 619 541	A2	Hitachi, Ltd., Hitachi Keiyo Engineering Co., Ltd, Hitachi ULSI Engineering Corp.	10/12/1994		
	B3		0 617 363	A2	Sundisk Corporation	09/28/1994		+
	B4		0 613 151	A2	Kabushiki Kaisha Toshiba	08/31/1994		
	B5	1 1	0 522 780	A2	International Business Machines Corporation	01/13/1993		+
	B6		0 522 780	B1	International Business Machines Corporation	01/13/1993	•	1
	B7		0 392 895	A2	Sundisk Corporation	10/17/1990	· · · · · · · · · · · · · · · · · · ·	+

Substitute for form 1449A/PTO Complete if Known **Application Number** 09/620,544 INFORMATION DISCLOSURE Filing Date 07/21/2000 STATEMENT BY APPLICANT First Named Inventor Petro Estakhri Group Art Unit 2188 (use as many sheets as necessary) **Examiner Name** Bragdon, Reginold Glenwood 5 6 Sheet of Attorney Docket Number 38979-11C4 2 304 428 **B8** Mitsubishi Denki Kabushiki 03/19/1997 Kaisha **B9** 2 291 990 Memory Corporation 02/07/1996 **B**10 2 251 323 Intel Corporation 07/01/1992 RECEIVED **B**11 Hitachi Co., Ltd., Hitachi VLSI Engineering Corp. 9-147581 06/06/1997 ВोΩ 59-92483 05/28/1984 **B13** Toshiba Corp. МАК 0 1 200 8-69696 03/12/1996 B14 8-18018 Toshiba Corp. 01/19/1996 Hitachi Co., Ltd., Hitachi VLSI Engineering Corp., Hitachi Tobu **B**15 Technology Center 2100 7-93499 04/07/1995 Semiconductor Co., Ltd. B16 7-84871 03/31/1995 7-334996 B17 12/22/1995 B18 7-311708 Fuji Film Micro Device K.K., Fuji Photo Film Co., 11/28/1995 B19 7-235193 09/05/1995 **B20** 7-141258 06/02/1995 B21 7-114499 05/02/1995 **B22** 6-4399 01/14/1994 **B23** 6-36578 Sony Kabushiki Kaisha 02/10/1994 **B24** 6-266596 Hitachi Ltd. 09/22/1994 **B25** 6-149395 NEC 05/27/1994 **B**26 6-132747 Fujitsu Ltd., Fujitsu VLSI 05/13/1994 **B27** 6-131889 Tòshiba Corporation 05/13/1994 B28 6-124231 Toshiba Corporation 05/06/1994 **B29** 6-124175 Sharp Corp. 05/06/1994 **B30** 5-282883 Toshiba Corp. 10/29/1993 **B31** 5-128877 Mitisubishi Electric Corp. 05/25/1993 **B**32 4-57295 **NEC Corporation** 02/25/1992 **B33** 4-278297 Toshiba Corp. 10/02/1992 **B**34 4-268284 Fuji Photo Film Co Ltd 09/24/1992 **B**35 4-254994 Toshiba Corp. 09/10/1992

02/21/1996

10/09/1981

05/311989

09/15/1994

10/23/1991

06/23/1990

02/07/1990

10/15/1989

07/07/1988

04/15/1988

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
RCB	C1	MENDEL ROSENBLUM and JOHN K. OUSTERHOUT, The Design and Implementation of a Log-Structured File System, article, 1991, 15 pgs., Berkeley, USA	1
RGB	C2	BRIAN DIPERT and MARKUS LEVY, Designing with Flash Memory, book, April 1994, 445 pgs., Annabooks, San Diego, USA	1

and M.N. Gurevich

Lozbenev and A.P Kuprovskij

Toshiba Corp.

M-Systems Ltd.

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Nippon Denki Kabushiki

N.G. Parkhomenko, S.B. Kozelkov, V.Yu Lozbenev and S.S. Karpenko

N.G. Parkhomenko, V. Yu.

Lozbenev, V.G. Chernyaev and S.B. Kozelkov

K.G. Semenov, N.M. Sidorov, A.I. Zhdanov, G.V. Kukhar and V.I.

I.V. Dementiev and A.S.

V.V. Merkul, I Yu. Manukin

N.G. Parkhomenko, V. Yu.

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SU 1541619

SU 1515164

SU 1408439

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			Group Art Unit	2188					
	(use a	s many sheets as necessary)	Examiner Name	Bragdon, Reginold Glenwood	od				
Sheet	T	6 of 6	Attorney Docket Number	38979-11C4					
Ras	C3	SCIENCE FORUM, INC., Flash Me	mory Symposium '95, symposium, 1995, 13 pgs.;	Hongo,Bunkyo-ku,Tokyo					
1	C4	ROSS S. FINLAYSON and DAVID R. CHERITON			47				
	C5	JASON GAIT, The Optical File Cabinet: A Random-Acc							
	C6		ement, book, 1995, 1 8 pgs., Springer Verlag Br						
	C7	SAPE J. MULLENDER and ANDREW S. TANENBAUN	SOUTH OF CHAPPE		,				
	C8	HIROSHI NAKAMURA, JUNICHI MIYAMOTO, KENICH	II IMAMIYA and YOSHIHISA IWATA, A Novel S nposium, 1995, VLSI Circuits Digest of Technic	ense Amplifier for Flexible Voltage Operation					
	C9	HIROSHI NAKAMURA JUNICHI MIYAMOTO KENIC	HI IMAMIYA, YOSHIHISA IWATA, YOSHIHISA	SUGIURA and HIDEKO OODAIRA, A Novel	<u> </u>				
	C10	Sensing Scheme with On-Chip Page Copy for F TAKAAKI NOZAKI, TOSHIAKI TANAKA, YOSHIRO KIJ	IIVA EITA KINOSHITA TATSUO TSUCHIYA A	nd YUTAKA HAYASHI. A 1-Mb EEPROM with					
	C11	MONOS Memory Cell for Semiconductor Dis	k Application, article, 1991, 5-pgs, Journal Of Ster Architecture and Parallel Processing, book,	Solid –State Circuits, Vol.,26, No. 4. おとせつ十	201				
	C12	WALTER LAHTI and DEAN McCARRON, State of the A	rt: Magnetic VS. Optical Store Data in a Flash.	article, 1990, 7 pgs., Vol. 15, No. 12, McCrew-	 .				
	C13		RON WILSON, INTEGRATED CIRCUITS; 1-Mbit flash memories seek their role in system design, article, March 1, 1989, 2-pgs., No.6, Tulse OK 30(2)						
	C14	S. MEHROURA, J.H. YUAN, R.A. CEMEA, W.Y. CHIEN, D.C. GUTEMAN, G. SAMACHISA, R.D. NOMAN, M. MOFIDI, W.LEE, Y. FONG, A. MIHNEA, E. HANN, R.W. GREGOR, E.P. EBERHARDT, J.R. RADOSEVICH, K.R. STILES, R.A. KOHLER, C.W. LEUNG, and T.J. MULROQNEY, Serial 9Mb F EEPROM for Solid State Disk Applications, symposium, 1992, 2-pgs., Mountain View, CA. Pp. 31-35.							
Rag	C15	STEVEN H. LEIBSON, Nonvolatile, in-circu	it-reprogrammable memories, article, January 3	, 1991, 12 pgs., EDN, Gircle No.12 00 90-10) <u>a</u>				
1603	C16	WALTER LAHTI and DEAN McCARRON, State of the A	ort: Magnetic VS. Optical Store Data in a Flash,	article, 1990, 7 pgs., Vol. 15, No. 12, McGraw-					
	C17	KAI HWANG and FAYE A. BRIGGS, Compu	Hill, Inc., US ter Architecture and Parallel Processing, book,	1984 McGraw-Hill, Inc., 2 pgs., US					
	C18-		it-reprogrammable memorios, article, January 3						
RB	C19	RAMON CACERES, FRED DOUGLIS, KAI LI and BRIJ	193 Workshop on Workstation Operting System	ns. PO 1-+.					
1	C20	MICHAEL WU and WILY ZWAENEPOEL, A N	Non-Volatile, Main Memory Storage System, 42-	pge., 1994, ACM , Gan Jose, GA USA	97.				
	C21	DAVE BURSKY, Innovative flash memories match DR systems (includes related articles on the origins of flas pgs., E	th, and on the differences between NAND and Naction in the Cale Group	NOR flash memories), article, May 16, 1994, 9					
	C22	ANTHONY CATALDO, New flash enhancements up- Samsung Semiconductor's KM29V32000 *flash* memo	ory* devices)(Product Announcement), a rticle; N	March 13, 1995, 4 pgs., Electronic News, v.41,					
	C23	SAM WEBER, *Flash* modules' portability, reusability pgs., Ele	, small size valued for a host of APPs-Consume ectronic Engineering Times, n.911, CMP Media						
	C24	TOSHIBA, N	IOS MEMORY (NON-VOLATILE), 1995, D ala B	pp (91-252.					
	C25	STAN BAKER, BUT INTEGRATION CALLS FOR HARDWARE, SOFTWARE CHANGES: Flash: designers face the dawn of a new memory age,							
	C26	TOSHIBA, TOSHIBA MOS DIGITAL INTEGRAT	TED CIRCUIT SILICON GATE CMOS, (TC58NS	3512DC) 3/21/2001, 43 pgs., D ata Bo ok					
	C27		ia Interface Library) Hardware Edition Version 1		n				
	C28								
	C29	TOSHIBA, TOSHIBA MOS DIGITAL INTEGRA							
	C30	TOSHIBA, TOSHIBA MOS DIGITAL INTEGRA							
	C31		GRATED CIRCUIT SILICON GATE, (TH58100F						
	C32	35NONVOLATILE MEMORY TECHNOLOGY REVIEW	59~10 44 ASIL						
—	C33	TOSHIBA CORPORATION, SMIL (Smartmed	ia Interface Library) Software Edition Version 1.	00, July 1, 2000, 136 pgs., D ata-Book					

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Examiner Signature	Regueld D.	Broghn	Date Considered	6-24-2004

TOSHIBA, MOS MEMORY (NON-VOLATILE), 1996, 279 pgs., Data Book

DAN AUCLAIR, Optimal Solid State Disk Architecure For Portable Computers, symposium, July 9, 1991, Zpgs., SunDisk Corporation pp

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